In response to the Office Action mailed July 7, 1999, kindly amend the above-referenced application as follows:

<u>In the Title</u>

Change the title to:

"System And Method For Assessing The Effectiveness Of A Cache Memory Or Portion Thereof Using FIFO or LRU Using Cache Utilization Statistics"

<u>In the Claims</u>

Amend the claims as follows:

1 21 (Amended). A computer program product as defined in claim 18 in which one of said cache
2 memory management methodologies is a FIFO (first-in/first-out) methodology, the cache miss
3 prediction module being further configured to generate the cache miss prediction value in accordance
4 with:

5

$$1 = \sum_i \frac{\frac{A_i}{R_i}(R_i - 1 - H(i,S))}{M + \frac{S\left(\frac{A_i}{R_i}\right)}{E_i}}$$

6 where "M" represents the cache miss prediction value, H(i,S) corresponds to [the] a number of cache
7 hits per packet, "S" represents the selected cache memory size value, "A_i" represents the file retrieval
8 activity value for a file "i," "E_i" represents the extent of activity value for the file "i," and "R_i"

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